

General data for 25 georeference po				
Locations	Points	Altitude	Topograpgy	Coordinates
Opterush	1	512	Flat land	42°22'28.84"N 20°43'44.45"E
Opterush	2	482	Flat land	42°22'44.61"N 20°41'19.90"E
Hamovc	3	480	Flat land	42°23'49.99"N 20°39'57.52"E
Hamovc	4	457	Hill	42°23'10.11"N 20°39'11.93"E
Hamovc	5	460	Hill	42°22'50.57"N 20°39'00.45"E
Hamovc	6	451	Slope	42°22'24.01"N 20°39'10.99"E
Hamovc	7	460	Hill	42°22'26.28"N 20°38'47.99"E
Hamovc	8	443	Slope	42°22'07.56"N 20°38'16.80"E
Hamovc	9	415	Slope	42°21'32.92"N 20°37'35.03"E
Hamovc	10	421	Slope	42°21'11.63"N 20°37'16.70"E
Rahovec	11	408	Lowland	42°23'11.18"N 20°38'57.13"E
Rahovec	12	358	Lowland	42°22'39"N 20°37'26.60"E
Rahovec	13	354	Lowland	42°22'09.25"N 20°36'27.39"E
Rahovec	14	388	Slope	42°22'37.16"N 20°36'44.68"E
Rahovec	15	440	Hill	42°23'11.56"N 20°36'49.61"E
Rahovec	16	387	Lowland	42°23'30.61"N 20°37'34.76"E
Rahovec	17	488	Slope	42°24'22.02"N 20°38'46.30"E
Rahovec	18	515	Hill	42°25'01.74"N 20°38'54.80"E
Rahovec	19	548	Hill	42°25'40.14"N 20°38'14.69"E
Rahovec	20	505	Slope	42°25'03.59"N 20°37'40.14"E
Deshkidov - Drenoc	21	491	Slope	42°24'55.95"N 20°37'18.84"E
Deshkidov - Drenoc	22	491	Hill	42°25'15"N 20°36'40.25"E
Deshkidov - Drenoc	23	487	Slope	42°26'11.92"N 20°35'49.06"E
Deshkidov - Drenoc	24	485	Flat land	42°25'56.82"N 20°35'51.64"E
Deshkidov - Drenoc	25	469	Slope	42°25'31.87"N 20°35'48.41"E

ints for three monitoring years (2023-2025)			
Grape cultivars	Average (ha)	Age of vineyards	Distance within each point (m)
Afuzali	0,14	21	0
Merlot	1,12	49	3300
Cardinal	0,3	6	2843
Rizling	0,25	35	1627
Vranç	0,9	26	641
Cardinal	0,21	13	1059
Vranç	1,15	13	610
Vranç	1	13	910
Smederevkë	1	6	1540
Viktoria	1,2	3	710
Vranç	0,53	36	4380
Vranç	10	25	2570
Zhamete	0,31	30	1410
Merlot	1,3	11	960
Muscat hamburg	0,4	5	1080
Vranç	0,28	3	1170
Black magic	0,74	13	2310
Cardinal	0,45	25	1240
Prokupe	1	36	1480
Vranç	0,33	35	1390
Zhamete	0,7	23	520
Vranç	0,5	16	1040
Chardone	0,7	14	2120
Rizling	0,58	37	540
Vranç	0,4	5	710
		Average 19,96	

2023 monitoring data						
Locations	Points	Appareance of first insect	27-Jun-2023	1-Jul-2023	6-Jul-2023	13-Jul-2023
Opterush	1	27.07.2023	0	0	0	0
Opterush	2	17.08.2023	0	0	0	0
Hamovc	3	27.07.2023	0	0	0	0
Hamovc	4	20.07.2023	0	0	0	0
Hamovc	5	13.07.2023	0	0	0	1
Hamovc	6	20.07.2023	0	0	0	0
Hamovc	7	06.07.2023	0	0	3	10
Hamovc	8	13.07.2023	0	0	0	2
Hamovc	9	27.07.2023	0	0	0	0
Hamovc	10	03.08.2023	0	0	0	0
Rahovec	11	13.07.2023	0	0	0	3
Rahovec	12	03.08.2023	0	0	0	0
Rahovec	13	13.07.2023	0	0	0	1
Rahovec	14	20.07.2023	0	0	0	0
Rahovec	15	17.08.2023	0	0	0	0
Rahovec	16	20.07.2023	0	0	0	0
Rahovec	17	13.07.2023	0	0	0	2
Rahovec	18	20.07.2023	0	0	0	0
Rahovec	19	Not present this year	0	0	0	0
Rahovec	20	20.07.2023	0	0	0	0
Deshkidov - Drenoc	21	03.08.2023	0	0	0	0
Deshkidov - Drenoc	22	03.08.2023	0	0	0	0
Deshkidov - Drenoc	23	03.08.2023	0	0	0	0
Deshkidov - Drenoc	24	20.07.2023	0	0	0	0
Deshkidov - Drenoc	25	20.07.2023	0	0	0	0

2023

Weekly monitoring dates							
20-Jul-2023	27-Jul-2023	3-Aug-2023	10-Aug-2023	17-Aug-2023	24-Aug-2023	31-Aug-2023	7-Sep-2023
0	2	7	1	11	10	4	0
0	0	0	0	2	2	1	0
0	6	1	0	8	13	2	1
9	24	32	22	33	36	17	5
2	4	2	2	0	16	10	5
1	5	7	5	5	6	6	6
18	21	23	11	9	38	32	9
2	8	3	3	19	25	22	7
0	10	11	1	3	9	7	3
0	0	1	0	0	6	1	0
36	152	98	32	30	70	39	11
0	0	1	0	0	0	0	0
4	19	13	5	12	6	3	1
2	16	20	9	8	118	44	13
0	0	0	0	2	0	5	5
1	2	1	7	56	9	3	0
0	0	0	1	0	0	3	0
1	0	3	4	4	0	4	0
0	0	0	0	0	0	0	0
8	22	6	4	97	70	45	7
0	0	7	6	1	3	1	0
0	0	1	0	0	0	0	0
0	0	17	10	2	3	3	0
2	23	5	5	32	24	12	3
3	7	2	2	5	20	8	3

					2024 m	
14-Sep-2023	21-Sep-2023	28-Sep-2023	5-Oct-2023	12-Oct-2023	Locations	Points
0	0	0	0	0	Opterush	1
0	0	0	0	0	Opterush	2
1	0	0	0	0	Hamovc	3
0	2	0	0	0	Hamovc	4
1	3	0	0	0	Hamovc	5
5	2	0	0	0	Hamovc	6
13	8	1	4	0	Hamovc	7
1	0	0	0	0	Hamovc	8
2	0	0	0	0	Hamovc	9
0	0	0	0	0	Hamovc	10
7	4	0	0	0	Rahovec	11
0	0	0	0	0	Rahovec	12
0	0	0	0	0	Rahovec	13
4	1	0	0	0	Rahovec	14
1	0	0	0	0	Rahovec	15
0	0	1	1	0	Rahovec	16
0	0	0	0	0	Rahovec	17
0	0	0	0	0	Rahovec	18
0	0	0	0	0	Rahovec	19
2	2	0	0	0	Rahovec	20
0	0	0	0	0	Deshkidov	21
0	0	0	0	0	Deshkidov	22
0	0	0	0	0	Deshkidov	23
2	1	0	0	0	Deshkidov	24
0	0	0	0	0	Deshkidov	25

Monitoring data							
Appareance of first insect	27-Jun-24	01-Jul-24	06-Jul-24	13-Jul-24	20-Jul-24	27-Jul-24	03-Aug-24
13.07.2024	0	0	0	3	4	5	8
27.07.2024	0	0	0	0	0	2	5
20.07.2024	0	0	0	0	4	8	3
20.07.2024	0	0	0	0	10	5	2
13.07.2024	0	0	0	1	3	6	3
13.07.2024	0	0	0	1	1	2	10
01.07.2024	0	1	3	17	109	27	20
2024-07-06	0	0	2	3	5	8	5
13.07.2024	0	0	0	2	4	12	13
20.07.2024	0	0	0	0	2	3	3
01.07.2024	0	2	12	14	125	112	92
27.07.2024	0	0	0	0	0	1	5
13.07.2024	0	0	0	1	5	22	15
13.07.2024	0	0	0	3	4	18	25
27.07.2024	0	0	0	0	0	2	3
06.07.2024	0	0	5	4	66	44	43
06.07.2024	0	0	2	5	8	10	26
13.07.2024	0	0	0	1	1	3	5
10.08.2024	0	0	0	0	0	0	0
13.07.2024	0	0	0	3	9	26	10
20.07.2024	0	0	0	0	5	5	8
20.07.2024	0	0	0	0	2	1	3
20.07.2024	0	0	0	0	6	5	21
13.07.2024	0	0	0	3	5	26	7
13.07.2024	0	0	0	2	7	7	4

2024

Weekly monitoring dates								
10-Aug-24	17-Aug-24	24-Aug-24	31-Aug-24	07-Sep-24	14-Sep-24	21-Sep-24	28-Sep-24	05-Oct-24
3	10	14	8	5	3	1	0	0
6	4	3	2	1	2	0	0	0
2	11	17	5	3	2	2	1	0
5	3	5	1	2	0	0	0	0
3	1	19	12	7	2	5	1	0
5	6	6	8	8	5	1	0	0
13	17	30	35	15	13	0	0	0
6	25	31	24	9	5	4	2	0
4	5	13	9	7	3	2	0	0
2	5	9	5	6	3	2	2	0
35	32	68	35	13	9	3	2	0
6	3	1	0	0	0	0	0	0
5	10	5	5	2	3	1	0	0
11	9	128	50	10	6	2	1	0
2	4	3	7	8	3	1	0	0
49	90	65	35	13	10	8	1	0
5	10	8	3	5	2	2	1	0
4	5	5	5	3	4	2	0	0
3	4	2	0	0	0	0	0	0
7	105	81	49	12	3	1	1	0
9	5	5	3	2	3	2	0	0
5	4	2	1	0	0	0	0	0
13	3	3	5	3	2	1	0	0
6	35	28	13	5	4	2	1	0
3	5	23	11	6	3	2	2	0

	2025 monitoring data						
12-Oct-24	Locations	Points	Apparence of first insect	27-Jun-25	1-Jul-25	6-Jul-25	13-Jul-25
0	Opterush	1	27.06.2025	2	1	0	4
0	Opterush	2	03.08.2025	0	0	0	0
0	Hamovc	3	27.06.2025	1	2	3	1
0	Hamovc	4	13.07.2025	0	0	0	2
0	Hamovc	5	06.07.2025	0	0	1	2
0	Hamovc	6	27.06.2025	1	1	1	2
0	Hamovc	7	27.06.2025	1	3	2	13
0	Hamovc	8	01.07.2025	0	1	3	5
0	Hamovc	9	06.07.2025	0	0	1	5
0	Hamovc	10	06.07.2025	0	0	1	0
0	Rahovec	11	27.06.2025	2	2	12	61
0	Rahovec	12	13.07.2025	0	0	0	2
0	Rahovec	13	01.07.2025	0	1	2	6
0	Rahovec	14	06.07.2025	0	0	2	5
0	Rahovec	15	06.07.2025	0	0	2	1
0	Rahovec	16	01.07.2025	0	2	5	9
0	Rahovec	17	01.07.2025	0	2	1	3
0	Rahovec	18	27.06.2025	1	1	2	2
0	Rahovec	19	20.07.2025	0	0	0	0
0	Rahovec	20	01.07.2025	0	1	2	5
0	Deshkidov	21	13.07.2025	0	0	0	3
0	Deshkidov	22	06.07.2025	0	0	1	2
0	Deshkidov	23	01.07.2025	0	2	4	3
0	Deshkidov	24	27.06.2025	1	2	2	6
0	Deshkidov	25	01.07.2025	0	1	2	3

2025

Weekly monitoring dates								
20-Jul-25	27-Jul-25	3-Aug-25	10-Aug-25	17-Aug-25	24-Aug-25	31-Aug-25	7-Sep-25	14-Sep-25
10	7	9	8	9	10	8	9	4
0	0	2	4	2	1	2	1	1
3	5	1	2	13	15	5	2	1
5	3	2	3	2	5	1	0	1
2	4	3	2	2	14	11	13	10
3	1	6	9	6	8	9	10	10
85	60	48	40	29	24	34	25	11
10	10	7	3	24	26	24	19	9
3	9	10	8	10	8	9	10	8
1	2	3	2	3	7	4	5	3
75	95	92	80	75	50	32	8	5
1	0	3	5	2	1	2	3	1
4	27	18	3	12	6	8	3	9
10	16	12	15	42	115	45	21	7
2	2	5	5	6	2	5	6	2
66	82	80	81	75	62	45	37	20
5	8	21	4	7	6	3	4	3
4	2	5	3	5	3	4	4	5
1	1	2	2	3	3	2	1	0
13	20	17	26	81	75	58	16	3
6	5	7	7	7	6	5	6	5
4	3	5	6	6	3	4	5	4
4	3	18	10	2	2	2	1	2
10	20	18	21	29	21	19	10	4
4	5	3	2	3	18	9	5	3

21-Sep-25	28-Sep-25	5-Oct-25	12-Oct-25
5	4	0	0
1	0	0	0
1	2	0	0
1	0	0	0
7	5	4	0
5	3	1	0
8	3	0	0
5	3	3	0
4	5	0	0
2	2	2	0
2	1	0	0
2	0	0	0
3	2	0	0
5	1	0	0
2	1	0	0
12	4	0	0
2	1	0	0
3	1	0	0
0	0	0	0
2	1	0	0
2	4	2	0
3	3	1	0
1	0	0	0
3	1	0	0
1	2	0	0